

On Scheduling in WiMAX

A project report submitted in partial fulfillment of
Bachelor Degree of Engineering in
Computer Technology

by

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2008-2009

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CERTIFICATE

This to certify that project report entitled **“On Scheduling in WiMAX”**
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Examiner 2

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Abstract

Mobile ticketing technology, implemented by the APT SKIDATA and SMART MACHINES systems in the United Kingdom. The technology enables consumers to buy tickets for major events such as rock concerts; football matches etc. through their mobile phones. The ticketing technology was successfully tried for the first time at the Aston Villa v West Bromwich Albion match on April 10th, 2005. With the help of this technology, consumers can send an SMS to order their tickets via mobile phone. They then receive a return SMS which has an image with a 2-dimensional matrix-code.

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Chapter 1

Literature Survey

[1] One of the prime concern of our project is to handle SMS in an Application Server. For this purpose we use GSM modem which will be connected through DKU-5 data cable. For handling SMS we needed to learn how to do processing of SMS. For SMS processing we referred following website link : <http://www.developershome.com/sms/> [2] As JSP is used in our project for interaction web browser application with database stored in Railway Database server. We referred following website for description of JSP. <http://java.sun.com/products/jsp/> [3] As we are using MS Access 2000 for storing all the databases. As a database is a vital component, database has to be managed efficiently. Also we have to consider the security of the database as primary concern . For Database management and Database Security, we referred Microsoft's online Help for MS Access < 2000.<http://office.microsoft.com/en-us/access/FX100646941033.aspx>

1.1 Previous work

Previous work

Mobile ticketing technology, implemented by the APT SKIDATA and SMART-

MACHINES systems [4] in the United Kingdom. The technology enables consumers to buy tickets for major events such as rock concerts; football matches etc. through their mobile phones. The ticketing technology was successfully tried for the first time at the Aston Villa v West Bromwich Albion match on April 10th, 2005. With the help of this technology, consumers can send an SMS to order their tickets via mobile phone. They then receive a return SMS which has an image with a 2-dimensional matrix-code. This SMS contains details such as the ticket number, the mobile phone number and the seat number. On entering the stadium, the consumers have to hold their mobile phone with this image SMS open, in front of the scanners installed by Smartmachine systems at the venue of the event. These scanners validate the users and allow them to enter inside the venue. The consumers are charged for their tickets by the mobile service provider once the 2-D code is scanned at the scanning machines.

$$m = \frac{1}{M} \sum_{n=1}^M \quad (1.1)$$

It is given in 1.1.

< form id="form" > mm@gmail.com [1]

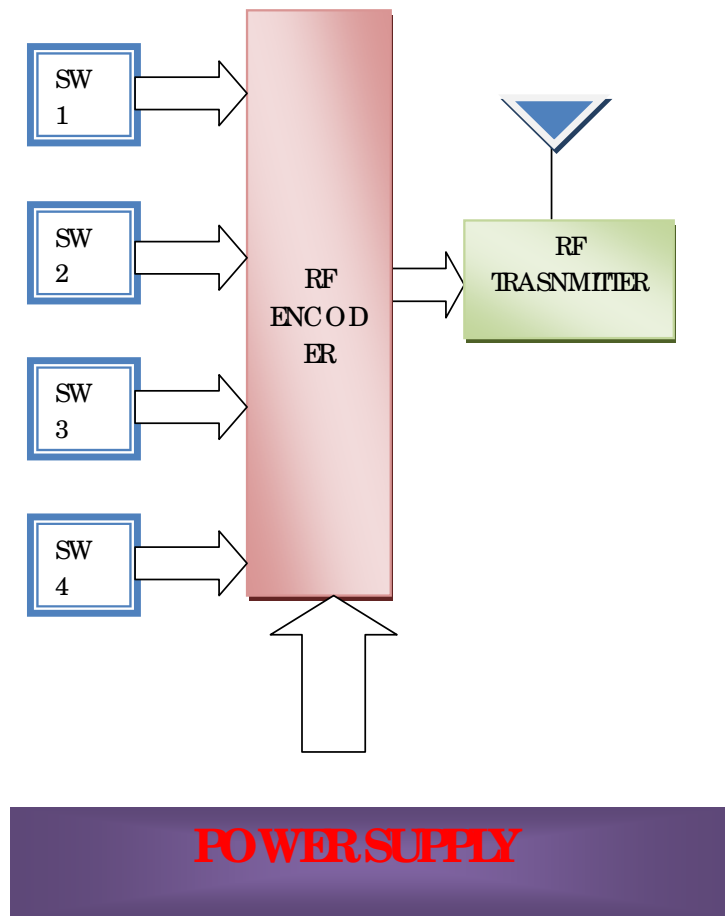


Figure 1.1: Structure of PSS.

Chapter 2

Development Tools

Hardware Requirement

- Pentium IV processor
- 512 RAM
- CD ROM
- 102 Keyboard and Mouse [?]
- Monitor etc.

Software Requirement:

- Go to Control Panel and open Add /Remove Programs
- IIS(Windows Components)
- Microsoft .NET 2003.
- SQL Server 2000.
- MENU Software additional tool provided with Asset Management Soft Copy.

Bibliography

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Acknowledgments

I thank the many people who have done lots of nice things for me.